ELSEVIER Journal of Virological Methods 55 (1995) 451–454

Journal of Virological Methods

Author Index

Alberti, A., see Tisminetzky, S. (55) 303
Alexandre, I., see Zammatteo, N. (55) 185
Alonso, C., see Gómez-Puertas, P. (55) 271
Alonso, C., see Ramiro-Ibáñez, F. (55) 339
Anderson, J., see Thevasagayam, J.A. (55) 417
Arima, T., see Qi, Z. (55) 55
Ashley, R.L., see Garland, S.M. (55) 285
Ashley, R.L., see Slomka, M.J. (55) 27

Baralle, F., see Tisminetzky, S. (55) 303
Barbara, D.J., Morton, A., Spence, N.J. and Miller, A. Rapid differentiation of closely related isolates of two plant viruses by polymerase chain reaction and restriction fragment length polymorphism analysis (55) 121
Bates, C.M., see Cohen, B.J. (55) 11
Bernard, G., see Singh, R.P. (55) 133
Besse, B., see Ferre-Aubineau, V. (55) 145
Bevilacqua, F., see Pizzighella, S. (55) 245
Billaudel, S., see Ferre-Aubineau, V. (55) 145
Bockstahler, L.E., see Fujimura, R.K. (55) 309
Boiteau, G., see Singh, R.P. (55) 133
Bonelli, F., see Rosa, C. (55) 219
Bower, J.M., see Kreider, J.W. (55) 233
Breiner, M., see Weber, B. (55) 97
Brown, D.W.G., see Slomka, M.J. (55) 27
Brown, F., see Meyer, R.F. (55) 281
Bruchhof, B., Marquardt, O. and Enzmann, P.-J. Differential diagnosis of fish pathogenic rhabdoviruses by reverse transcriptase-dependent polymerase chain reaction (55) 111
Brunner, M., see Weber, B. (55) 97
Burroughs, J.N., see Thevasagayam, J.A. (55) 417
Buti, M., Jardí, R., Cotrina, M., Rodríguez-Frías, F., Troonen, H., Viladomiu, L., Esteban, J.I., Esteban, R. and Guardia, J. Hepatitis E virus infection in acute hepatitis in Spain (55) 49

Calabresi, G., see Rosa, C. (55) 219
Cambra, M., see Romero-Durbán, J. (55) 37
Castro, J.M., see Da Silva, N. (55) 209
Chemello, L., see Tisminetzky, S. (55) 303
Christensen, N.D., see Kreider, J.W. (55) 233
Cladel, N.M., see Kreider, J.W. (55) 233
Cohen, B.J. and Bates, C.M. Evaluation of 4 commercial test kits for parvovirus B19-specific IgM (55) 11
Corey, L., see Garland, S.M. (55) 285
Cotrina, M., see Buti, M. (55) 49
Cowan, F.M., see Slomka, M.J. (55) 27
Cox, N.J., see Klimov, A.I. (55) 445
Cross, A., see Slomka, M.J. (55) 27
Cui, D., see Qi, Z. (55) 55
Cui, H., see Qi, Z. (55) 55

Da Câmara Machado, A., see Knapp, E. (55) 157
Da Silva, N., Zardoya, R., Santurde, G., Solana, A. and Castro, J.M. Rapid and sensitive detection of the bovine viral diarrhea virus genome in semen (55) 209
DiAngelo, S.L., see Kreider, J.W. (55) 233
Dietzgen, R.G., see Thomson, K.G. (55) 83
DiStefano, D.J., Gould, S.L., Munshi, S. and Robinson, D.K. Titration of human–bovine rotavirus reassortants using a tetrazolium-based colorimetric end-point dilution assay (55) 199
Doerr, H.W., see Weber, B. (55) 97
Drescher, J. and Verhagen, W. Determination of the concentration of influenza virus anti-haemagglutinin antibody molecules of the IgG class and of the equilibrium constant by use of enzyme immunoassay titres determined for graded epitope concentrations (55) 257
Duran-Vila, N., see Romero-Durbán, J. (55) 37

Emmerson, P.T., see Errington, W. (55) 357
Engelbrecht, S. and Van Rensburg, E.J. Detection of Southern African human immunodeficiency virus type 1 subtypes by polymerase chain reaction: evaluation of different primer pairs and conditions (55) 391

Enzmann, P.-J., see Bruchhof, B. (55) 111
Errington, W., Steward, M. and Emmerson, P.T. A diagnostic immunoassay for Newcastle disease virus based on the nucleocapsid protein expressed by a recombinant baculovirus (55) 357
Escribano, J.M., see Gómez-Puertas, P. (55) 271
Escribano, J.M., see Ramiro-Ibáñez, F. (55) 339
Esteban, J.I., see Buti, M. (55) 49
Esteban, R., see Buti, M. (55) 49

Ferre-Aubineau, V., Imbert-Marcille, B.M., Raffi, F., Besse, B., Loirat, R. and Billaudel, S. Colorimetric microtiter plate hybridization assay using monoclonal antibody for detection of an amplified human immunodeficiency virus target (55) 145
Feucht, H.-H., Zöllner, B. and Laufs, R. Comparison of conventional autoradiography with a new DNA enzyme immunoassay for the detection of hepatitis C virus-polymerase chain reaction amplification products (55) 105
Fujimura, R.K. and Bockstahler, L.E. Polymerase chain reaction method for determining ratios of human immunodeficiency virus proviral DNA to cellular genomic DNA in brain tissues of HIV-infected patients (55) 309

Gallinella, G., see Zerbini, M. (55) 1
Garetto, F., see Rosa, C. (55) 219
Garland, S.M., Lee, T.N., Ashley, R.L., Corey, L. and Sacks, S.L. Automated microneutralization: method and comparison with Western blot for type-specific detection of herpes simplex antibodies in two pregnant populations (55) 285
Gentilomi, G., see Zerbini, M. (55) 1
Gerba, C.P., see Ma, J.-F. (55) 295
Gerotto, M., see Tisminetzky, S. (55) 303
Ghabrial, S.A., see Hu, C.-C. (55) 367
Gibbs, A.J., see Thomson, K.G. (55) 83
Gibellini, D., see Zerbini, M. (55) 1
Gómez-Puertas, P., Rodríguez, F., Ortega, A., Oviedo, J.M., Alonso, C. and Escribano, J.M. Improvement of African swine fever virus neutralization assay using recombinant viruses expressing chromogenic marker genes (55) 271
Goudeau, A., see Poisson, F. (55) 381
Gould, S.L., see DiStefano, D.J. (55) 199
Grinde, B., Jonassen, T.Ø. and Ushijima, H. Sensitive detection of group A rotaviruses by immunomagnetic separation and reverse transcription-polymerase chain reaction (55) 327
Griva, S., see Rosa, C. (55) 219
Guardia, J., see Buti, M. (55) 49
Guaschino, R., see Rosa, C. (55) 219

Hanzer, V., see Knapp, E. (55) 157
Hu, C.-C. and Ghabrial, S.A. The conserved, hydrophilic and arginine-rich N-terminal domain of cucumovirus coat proteins contributes to their anomalous electrophoretic mobilities in sodium dodecylsulfate–polyacrylamide gels (55) 367

Imai, M., see Suzuki, K. (55) 347
Imbert-Marcille, B.M., see Ferre-Aubineau, V. (55) 145

Jardí, R., see Buti, M. (55) 49
Jonassen, T.Ø., see Grinde, B. (55) 327
Jothikumar, N., Khanna, P., Paulmurugan, R., Kamatchiammal, S. and Padmanabhan, P. A simple device for the concentration and detection of enterovirus, hepatitis E virus and rotavirus from water samples by reverse transcription-polymerase chain reaction (55) 401

Kamatchiammal, S., see Jothikumar, N. (55) 401
Kano, K., see Suzuki, K. (55) 347
Kano, T., see Suzuki, K. (55) 347
Karlsen, F., Steen, H.B. and Nesland, J.M. SYBR Green I DNA staining increases the detection sensitivity of viruses by polymerase chain reaction (55) 153
Katinger, H., see Knapp, E. (55) 157
Khanna, P., see Jothikumar, N. (55) 401
Klimov, A.I. and Cox, N.J. Erratum to PCR restriction analysis of genome composition and stability of cold-adapted reassortant live influenza vaccines. [J. Virol. Methods 52 (1995) 41–49] (55) 445
Knapp, E., Da Câmara Machado, A., Pühringer, H., Wang, Q., Hanzer, V., Weiss, H., Weiss, B., Katinger, H. and Laimer da Câmara Machado, M. Localization of fruit tree viruses by immuno-tissue printing in infected shoots of *Malus* sp. and *Prunus* sp. (55) 157
Koch, W.C. A synthetic parvovirus B19 capsid protein can replace viral antigen in antibody-capture enzyme immunoassays (55) 67
Kondo, M., see Suzuki, K. (55) 347
Kraft, W., see Schunck, B. (55) 427
Kreider, J.W., Cladel, N.M., Patrick, S.D., Welsh, P.A., DiAngelo, S.L., Bower, J.M. and Christensen, N.D. High efficiency induction of papillomas in vivo using recombinant cottontail rabbit papillomavirus DNA (55) 233
Kurz, J., see Singh, R.P. (55) 133

Laimer da Câmara Machado, M., see Knapp, E. (55) 157

Laufs, R., see Feucht, H.-H. (55) 105
Lee, T.N., see Garland, S.M. (55) 285
Liesack, W., see Thomson, K.G. (55) 83
Loirat, R., see Ferre-Aubineau, V. (55) 145

Ma, J.-F., Gerba, C.P. and Pepper, I.L. Increased sensitivity of poliovirus detection in tap water concentrates by reverse transcriptase-polymerase chain reaction (55) 295
Marquardt, O., see Bruchhof, B. (55) 111
Mertens, P.P.C., see Thevasagayam, J.A. (55) 417
Meyer, R.F. and Brown, F. Sequence identification of antigenic variants in plaque isolates of foot-and-mouth disease virus (55) 281
Miller, A., see Barbara, D.J. (55) 121
Moris, P., see Zammatteo, N. (55) 185
Morton, A., see Barbara, D.J. (55) 121
Moshtaghi-Boronjeni, M., see Weber, B. (55) 97
Munshi, S., see DiStefano, D.J. (55) 199
Musiani, M., see Zerbini, M. (55) 1

Nesland, J.M., see Karlsen, F. (55) 153

Ortega, A., see Gómez-Puertas, P. (55) 271
Osanai, M., see Suzuki, K. (55) 347
Osborne, S., see Rosa, C. (55) 219
Oviedo, J.M., see Gómez-Puertas, P. (55) 271

Padmanabhan, P., see Jothikumar, N. (55) 401
Palù, G., see Pizzighella, S. (55) 245
Pan, W., see Qi, Z. (55) 55
Patrick, S.D., see Kreider, J.W. (55) 233
Paulmurugan, R., see Jothikumar, N. (55) 401
Pepper, I.L., see Ma, J.-F. (55) 295
Piette, J., see Zammatteo, N. (55) 185
Pisoni, G., see Pizzighella, S. (55) 245
Pizzighella, S., Pisoni, G., Bevilacqua, F., Vaona, A. and Palù, G. Simultaneous polymerase chain reaction detection and restriction typing for the diagnosis of human genital papillomavirus infection (55) 245
Pohl-Koppe, A., Raabe, T., Siddell, S.G. and Ter Meulen, V. Detection of human coronavirus 229E-specific antibodies using recombinant fusion proteins (55) 175
Poisson, F., Roingeard, P. and Goudeau, A. Direct investigation of protein RNA-binding domains using digoxigenin-labelled RNAs and synthetic peptides: application to the hepatitis delta antigen (55) 381
Pontisso, P., see Tisminetzky, S. (55) 303
Preiser, W., see Weber, B. (55) 97
Prescott, L.E., see Tisminetzky, S. (55) 303
Pühringer, H., see Knapp, E. (55) 157

Qi, Z., Cui, D., Pan, W., Yu, C., Song, Y., Cui, H. and Arima, T. Synthesis and application of hepatitis E virus peptides to diagnosis (55) 55

Raabe, T., see Pohl-Koppe, A. (55) 175
Raffi, F., see Ferre-Aubineau, V. (55) 145
Ramiro-Ibáñez, F., Escribano, J.M. and Alonso, C. Application of a monoclonal antibody recognizing protein p30 to detect African swine fever virus-infected cells in peripheral blood (55) 339
Remacle, J., see Zammatteo, N. (55) 185
Rivella, A., see Rosa, C. (55) 219
Robinson, D.K., see DiStefano, D.J. (55) 199
Rodríguez, F., see Gómez-Puertas, P. (55) 271
Rodríguez-Frías, F., see Buti, M. (55) 49
Roingeard, P., see Poisson, F. (55) 381
Romero-Durbán, J., Cambra, M. and Duran-Vila, N. A simple imprint-hybridization method for detection of viroids (55) 37
Rosa, C., Osborne, S., Garetto, F., Griva, S., Rivella, A., Calabresi, G., Guaschino, R. and Bonelli, F. Epitope mapping of the NS4 and NS5 gene products of hepatitis C virus and the use of a chimeric NS4-NS5 synthetic peptide for serodiagnosis (55) 219
Rose, K.A., see Tisminetzky, S. (55) 303

Sacks, S.L., see Garland, S.M. (55) 285
Saito, T., see Suzuki, K. (55) 347
Santurde, G., see Da Silva, N. (55) 209
Schunck, B., Kraft, W. and Truyen, U. A simple touch-down polymerase chain reaction for the detection of canine parvovirus and feline panleukopenia virus in feces (55) 427
Siddell, S.G., see Pohl-Koppe, A. (55) 175
Simmonds, P., see Tisminetzky, S. (55) 303
Singh, R.P., Kurz, J., Boiteau, G. and Bernard, G. Detection of potato leafroll virus in single aphids by the reverse transcription polymerase chain reaction and its potential epidemiological application (55) 133
Slomka, M.J., Ashley, R.L., Cowan, F.M., Cross, A. and Brown, D.W.G. Monoclonal antibody blocking tests for the detection of HSV-1- and HSV-2-specific humoral responses: comparison with Western blot assay (55) 27
Solana, A., see Da Silva, N. (55) 209
Song, Y., see Qi, Z. (55) 55
Spence, N.J., see Barbara, D.J. (55) 121
Stackebrandt, E., see Thomson, K.G. (55) 83
Steen, H.B., see Karlsen, F. (55) 153
Steward, M., see Errington, W. (55) 357
Suzuki, K., Saito, T., Kondo, M., Osanai, M., Watanabe, S., Kano, T., Kano, K. and Imai, M.

Poly A-linked non-isotopic microtiter plate reverse transcriptase assay for sensitive detection of clinical human immunodeficiency virus isolates (55) 347

Tang, Y.C., see Thomson, K.G. (55) 83
Teakle, D.S., see Thomson, K.G. (55) 83
Ter Meulen, V., see Pohl-Koppe, A. (55) 175
Thevasagayam, J.A., Mertens, P.P.C., Burroughs, J.N. and Anderson, J. Competitive ELISA for the detection of antibodies against epizootic haemorrhagic disease of deer virus (55) 417
Thomson, K.G., Dietzgen, R.G., Gibbs, A.J., Tang, Y.C., Liesack, W., Teakle, D.S. and Stackebrandt, E. Identification of Zucchini yellow mosaic potyvirus by RT-PCR and analysis of sequence variability (55) 83
Tisminetzky, S., Gerotto, M., Pontisso, P., Chemello, L., Prescott, L.E., Rose, K.A., Baralle, F., Simmonds, P. and Alberti, A. Comparison of genotyping and serotyping methods for the identification of hepatitis C virus types (55) 303
Troonen, H., see Buti, M. (55) 49
Truyen, U., see Schunck, B. (55) 427

Ushijima, H., see Grinde, B. (55) 327

Vaira, D., see Zammatteo, N. (55) 185
Van Belkum, A. Low-stringency single specific primer PCR, DNA sequencing and single-strand conformation polymorphism of PCR products for identification of genetic variants of human papillomavirus type 16 (55) 435
Van Rensburg, E.J., see Engelbrecht, S. (55) 391
Vaona, A., see Pizzighella, S. (55) 245
Venturoli, S., see Zerbini, M. (55) 1
Verhagen, W., see Drescher, J. (55) 257
Viladomiu, L., see Buti, M. (55) 49

Wang, Q., see Knapp, E. (55) 157
Watanabe, S., see Suzuki, K. (55) 347
Weber, B., Moshtaghi-Boronjeni, M., Brunner, M., Preiser, W., Breiner, M. and Doerr, H.W. Evaluation of the reliability of 6 current anti-HIV-1/HIV-2 enzyme immunoassays (55) 97
Weiss, B., see Knapp, E. (55) 157
Weiss, H., see Knapp, E. (55) 157
Welsh, P.A., see Kreider, J.W. (55) 233

Yu, C., see Qi, Z. (55) 55

Zammatteo, N., Moris, P., Alexandre, I., Vaira, D., Piette, J. and Remacle, J. DNA probe hybridisation in microwells using a new bioluminescent system for the detection of PCR-amplified HIV-1 proviral DNA (55) 185
Zardoya, R., see Da Silva, N. (55) 209
Zerbini, M., Gibellini, D., Musiani, M., Venturoli, S., Gallinella, G. and Gentilomi, G. Automated detection of digoxigenin-labelled B19 parvovirus amplicons by a capture hybridization assay (55) 1
Zöllner, B., see Feucht, H.-H. (55) 105

ELSEVIER Journal of Virological Methods 55 (1995) 455–460

Journal of Virological Methods

Subject Index

Acute hepatitis; Hepatitis E; Antibody to hepatitis E virus (Buti, M. (55) 49)

Acute viral infection; Human immunodeficiency virus (HIV) screening enzyme-linked immunosorbent assay (ELISA); Seroconversion panel; Indeterminate Western blot; High-risk individual (Weber, B. (55) 97)

African swine fever virus; Neutralization test; β-Galactosidase recombinant; β-Glucuronidase recombinant (Gómez-Puertas, P. (55) 271)

Antibody detection; Coronavirus; 229E; Bacterial fusion protein (Pohl-Koppe, A. (55) 175)

Antibody to hepatitis E virus; Hepatitis E; Acute hepatitis (Buti, M. (55) 49)

Bacterial expression; Cucumber mosaic virus; Peanut stunt virus; Sodium dodecylsulfate–polyacrylamide gel electrophoresis (SDS–PAGE) (Hu, C.-C. (55) 367)

Bacterial fusion protein; Coronavirus; 229E; Antibody detection (Pohl-Koppe, A. (55) 175)

B19 amplicon; Capture hybridization assay; Immunoenzymatic detection (Zerbini, M. (55) 1)

Bioluminescence; Human immunodeficiency virus type 1 (HIV-1); Hybridization; Probe; Diagnosis (Zammatteo, N. (55) 185)

Bluetongue; Competitive ELISA; Epizootic haemorrhagic disease of deer (Thevasagayam, J.A. (55) 417)

Bovine viral diarrhea virus (BVDV); Genome; Semen; Detection; Reverse transcription-polymerase chain reaction (RT-PCR) (Da Silva, N. (55) 209)

Brain; Human immunodeficiency virus (HIV) DNA; Polymerase chain reaction (PCR); Comparative PCR; HIV proviral DNA, cellular genome; Evaluation, PCR technique (Fujimura, R.K. (55) 309)

Canine parvovirus; Feline panleukopenia virus; Polymerase chain reaction (PCR); Diagnosis (Schunck, B. (55) 427)

Capture hybridization assay; B19 amplicon; Immunoenzymatic detection (Zerbini, M. (55) 1)

Cervical carcinoma; Human papilloma virus (HPV); Polymerase chain reaction (PCR); Endonuclease typing (Pizzighella, S. (55) 245)

Chronic hepatitis; Hepatitis C virus type; Detection method (Tisminetzky, S. (55) 303)

Colorimetric assay; Rotavirus; End-point dilution; Tetrazolium (DiStefano, D.J. (55) 199)

Colorimetric microtiter plate hybridization assay; Human immunodeficiency virus; DNA enzyme immunoassay; Monoclonal antibody (Ferre-Aubineau, V. (55) 145)

Commercial crop; Imprint-hybridization; Viroid; Indexing (Romero-Durbán, J. (55) 37)

Commercial test kit; Parvovirus B19 IgM (Cohen, B.J. (55) 11)

Comparative PCR; Human immunodeficiency virus (HIV) DNA; Brain; Polymerase chain reaction (PCR); HIV proviral DNA, cellular genome; Evaluation, PCR technique (Fujimura, R.K. (55) 309)

Competitive ELISA; Epizootic haemorrhagic disease of deer; Bluetongue (Thevasagayam, J.A. (55) 417)

Composite sample; Luteovirus; Reverse transcription-polymerase chain reaction (RT-PCR); Southern blot; Viruliferous aphid (Singh, R.P. (55) 133)

Concentration; Water; Poliovirus; Coxsackievirus; Reverse transcriptase-polymerase chain reaction (RT-PCR) (Ma, J.-F. (55) 295)
Waterborne virus; Enterovirus; Hepatitis E virus; Rotavirus; Polymerase chain reaction (PCR) assay (Jothikumar, N. (55) 401)

Concentration, antibody molecule; Equilibrium constant; Enzyme immunoassay (EIA); Influenza virus, antihaemagglutinin antibody (Drescher, J. (55) 257)

Coronavirus; 229E; Bacterial fusion protein; Antibody detection (Pohl-Koppe, A. (55) 175)

Cottontail rabbit papillomavirus; Papilloma; Epidermal hyperplasia; Cutaneous scarification (Kreider, J.W. (55) 233)

Coxsackievirus; Water; Poliovirus; Reverse transcriptase-polymerase chain reaction (RT-PCR); Concentration (Ma, J.-F. (55) 295)

Cucumber mosaic virus; Peanut stunt virus; Sodium dodecylsulfate–polyacrylamide gel electrophoresis (SDS–PAGE); Bacterial expression (Hu, C.-C. (55) 367)

Cutaneous scarification; Papilloma; Cottontail rabbit papillomavirus; Epidermal hyperplasia (Kreider, J.W. (55) 233)

Detection; Bovine viral diarrhea virus (BVDV); Genome; Semen; Reverse transcription-polymerase chain reaction (RT-PCR) (Da Silva, N. (55) 209)

Reverse transcriptase assay; Human immunodeficiency virus (HIV); Feline immunodeficiency virus (FIV); Enzyme immunoassay (EIA) (Suzuki, K. (55) 347)

Detection method; Hepatitis C virus type; Chronic hepatitis (Tisminetzky, S. (55) 303)

Diagnosis; Human immunodeficiency virus type 1 (HIV-1); Hybridization; Probe; Bioluminescence (Zammatteo, N. (55) 185)

Canine parvovirus; Feline panleukopenia virus; Polymerase chain reaction (PCR) (Schunck, B. (55) 427)

Diagnostic test; Parvovirus B19; Recombinant viral antigen; Enzyme immunoassay (Koch, W.C. (55) 67)

Differential diagnosis; Reverse transcription-polymerase chain reaction (RT-PCR); Fish virus (Bruchhof, B. (55) 111)

Direct DNA sequencing; Human papillomavirus type 16; Low-stringency single specific primer PCR; Single-strand conformation polymorphism (Van Belkum, A. (55) 435)

DNA enzyme immunoassay; Human immunodeficiency virus; Colorimetric microtiter plate hybridization assay; Monoclonal antibody (Ferre-Aubineau, V. (55) 145)

DNA staining; SYBR Green I; PCR (Karlsen, F. (55) 153)

Double-stranded DNA; Hepatitis C virus; Polymerase chain reaction; Hybridization, Monoclonal antibody (Feucht, H.-H. (55) 105)

229E; Coronavirus; Bacterial fusion protein; Antibody detection (Pohl-Koppe, A. (55) 175)

Endonuclease typing; Human papilloma virus (HPV); Polymerase chain reaction (PCR); Cervical carcinoma (Pizzighella, S. (55) 245)

End-point dilution; Rotavirus; Tetrazolium; Colorimetric assay (DiStefano, D.J. (55) 199)

Enterovirus; Waterborne virus; Concentration; Hepatitis E virus; Rotavirus; Polymerase chain reaction (PCR) assay (Jothikumar, N. (55) 401)

Environmental detection; Rotavirus; Polymerase chain reaction (PCR); Immunomagnetic separation (Grinde, B. (55) 327)

Enzyme immunoassay; Parvovirus B19; Recombinant viral antigen; Diagnostic test (Koch, W.C. (55) 67)

Enzyme immunoassay (EIA); Concentration, antibody molecule; Equilibrium constant; Influenza virus, antihaemagglutinin antibody (Drescher, J. (55) 257)

Detection; Reverse transcriptase assay; Human immunodeficiency virus (HIV); Feline immunodeficiency virus (FIV) (Suzuki, K. (55) 347)

Enzyme-linked immunosorbent assay (ELISA); Hepatitis E virus; Synthetic peptide (Qi, Z. (55) 55)

Hepatitis C virus; Epitope mapping (Rosa, C. (55) 219)

Epidermal hyperplasia; Papilloma; Cottontail rabbit papillomavirus; Cutaneous scarification (Kreider, J.W. (55) 233)

Epitope mapping; Hepatitis C virus; Enzyme-linked immunosorbent assay (ELISA) (Rosa, C. (55) 219)

Epizootic haemorrhagic disease of deer; Competitive ELISA; Bluetongue (Thevasagayam, J.A. (55) 417)

Equilibrium constant; Concentration, antibody molecule; Enzyme immunoassay (EIA); Influenza virus, antihaemagglutinin antibody (Drescher, J. (55) 257)

Evaluation, PCR technique; Human immunodeficiency virus (HIV) DNA; Brain; Polymerase chain reaction (PCR); Comparative PCR; HIV proviral DNA, cellular genome (Fujimura, R.K. (55) 309)

Feline immunodeficiency virus (FIV); Detection; Reverse transcriptase assay; Human immunodeficiency virus (HIV); Enzyme immunoassay (EIA) (Suzuki, K. (55) 347)

Feline panleukopenia virus; Canine parvovirus; Polymerase chain reaction (PCR); Diagnosis (Schunck, B. (55) 427)

Fish virus; Reverse transcription-polymerase chain

reaction (RT-PCR); Differential diagnosis (Bruchhof, B. (55) 111)

Foot and mouth disease virus (FMDV) variant; Polymerase chain reaction (PCR) sequence (Meyer, R.F. (55) 281)

Fruit tree virus; Immuno-tissue printing; Virus localization; Tissue culture (Knapp, E. (55) 157)

β-Galactosidase recombinant; African swine fever virus; Neutralization test; β-Glucuronidase recombinant (Gómez-Puertas, P. (55) 271)

Genetic stability; Influenza virus; Vaccine reassortants; Genome composition; PCR restriction analysis (Klimov, A.I. (55) 445)

Genital herpes; Herpes simplex virus; Microneutralization; Western blot; Pregnancy (Garland, S.M. (55) 285)

Genome; Bovine viral diarrhea virus (BVDV); Semen; Detection; Reverse transcription-polymerase chain reaction (RT-PCR) (Da Silva, N. (55) 209)

Genome composition; Influenza virus; Vaccine reassortants; Genetic stability; PCR restriction analysis (Klimov, A.I. (55) 445)

β-Glucuronidase recombinant; African swine fever virus; Neutralization test; β-Galactosidase recombinant (Gómez-Puertas, P. (55) 271)

Hepatitis C virus; Polymerase chain reaction; Hybridization, Monoclonal antibody; Double-stranded DNA (Feucht, H.-H. (55) 105)
Epitope mapping; Enzyme-linked immunosorbent assay (ELISA) (Rosa, C. (55) 219)

Hepatitis C virus type; Detection method; Chronic hepatitis (Tisminetzky, S. (55) 303)

Hepatitis delta antigen; RNA-binding domain; Synthetic peptide (Poisson, F. (55) 381)

Hepatitis E; Acute hepatitis; Antibody to hepatitis E virus (Buti, M. (55) 49)

Hepatitis E virus; Enzyme-linked immunosorbent assay (ELISA); Synthetic peptide (Qi, Z. (55) 55)
Waterborne virus; Concentration; Enterovirus; Rotavirus; Polymerase chain reaction (PCR) assay (Jothikumar, N. (55) 401)

Herpes simplex virus; Microneutralization; Western blot; Genital herpes; Pregnancy (Garland, S.M. (55) 285)

Herpes simplex virus (HSV); Type-specific antibody; Monoclonal antibody-blocking radioimmunoassay (MAb block RIA) (Slomka, M.J. (55) 27)

High-risk individual; Human immunodeficiency virus (HIV) screening enzyme-linked immunosorbent assay (ELISA); Seroconversion panel; Indeterminate Western blot; Acute viral infection (Weber, B. (55) 97)

HIV proviral DNA, cellular genome; Human immunodeficiency virus (HIV) DNA; Brain; Polymerase chain reaction (PCR); Comparative PCR; Evaluation, PCR technique (Fujimura, R.K. (55) 309)

Human immunodeficiency virus; Colorimetric microtiter plate hybridization assay; DNA enzyme immunoassay; Monoclonal antibody (Ferre-Aubineau, V. (55) 145)

Human immunodeficiency virus (HIV); Detection; Reverse transcriptase assay; Feline immunodeficiency virus (FIV); Enzyme immunoassay (EIA) (Suzuki, K. (55) 347)

Human immunodeficiency virus (HIV) DNA; Brain; Polymerase chain reaction (PCR); Comparative PCR; HIV proviral DNA, cellular genome; Evaluation, PCR technique (Fujimura, R.K. (55) 309)

Human immunodeficiency virus (HIV) screening enzyme-linked immunosorbent assay (ELISA); Seroconversion panel; Indeterminate Western blot; Acute viral infection; High-risk individual (Weber, B. (55) 97)

Human immunodeficiency virus type 1 (HIV-1); Hybridization; Probe; Bioluminescence; Diagnosis (Zammatteo, N. (55) 185)

Human immunodeficiency virus type 1 (HIV-1) diagnosis; Polymerase chain reaction (PCR); Primer pair; Subtype (Engelbrecht, S. (55) 391)

Human papilloma virus (HPV); Polymerase chain reaction (PCR); Endonuclease typing; Cervical carcinoma (Pizzighella, S. (55) 245)

Human papillomavirus type 16; Low-stringency single specific primer PCR; Direct DNA sequencing; Single-strand conformation polymorphism (Van Belkum, A. (55) 435)

Hybridization; Human immunodeficiency virus type 1 (HIV-1); Probe; Bioluminescence; Diagnosis (Zammatteo, N. (55) 185)

Hybridization, Monoclonal antibody; Hepatitis C virus; Polymerase chain reaction; Double-stranded DNA (Feucht, H.-H. (55) 105)

Immunoassay; Newcastle disease virus; Nucleocapsid protein; Recombinant baculovirus (Errington, W. (55) 357)

Immunocapture; Raspberry bushy dwarf virus; Zucchini yellow mosaic virus; Reverse transcriptase-polymerase chain reaction (RT-PCR); Restriction fragment length polymorphism (RFLP); Virus differentiation (Barbara, D.J. (55) 121)

Immunoenzymatic detection; B19 amplicon; Capture hybridization assay (Zerbini, M. (55) 1)

Immunomagnetic separation; Rotavirus; Polymerase chain reaction (PCR); Environmental detection (Grinde, B. (55) 327)

Immuno-tissue printing; Fruit tree virus; Virus localization; Tissue culture (Knapp, E. (55) 157)

Imprint-hybridization; Viroid; Indexing; Commercial crop (Romero-Durbán, J. (55) 37)

Indeterminate Western blot; Human immunodeficiency virus (HIV) screening enzyme-linked immunosorbent assay (ELISA); Seroconversion panel; Acute viral infection; High-risk individual (Weber, B. (55) 97)

Indexing; Imprint-hybridization; Viroid; Commercial crop (Romero-Durbán, J. (55) 37)

Influenza virus; Vaccine reassortants; Genome composition; Genetic stability; PCR restriction analysis (Klimov, A.I. (55) 445)

Influenza virus, antihaemagglutinin antibody; Concentration, antibody molecule; Equilibrium constant; Enzyme immunoassay (EIA) (Drescher, J. (55) 257)

Low-stringency single specific primer PCR; Human papillomavirus type 16; Direct DNA sequencing; Single-strand conformation polymorphism (Van Belkum, A. (55) 435)

Luteovirus; Composite sample; Reverse transcription-polymerase chain reaction (RT-PCR); Southern blot; Viruliferous aphid (Singh, R.P. (55) 133)

Microneutralization; Herpes simplex virus; Western blot; Genital herpes; Pregnancy (Garland, S.M. (55) 285)

Monoclonal antibody; Human immunodeficiency virus; Colorimetric microtiter plate hybridization assay; DNA enzyme immunoassay (Ferre-Aubineau, V. (55) 145)

Monoclonal antibody-blocking radioimmunoassay (MAb block RIA); Herpes simplex virus (HSV); Type-specific antibody (Slomka, M.J. (55) 27)

Neutralization test; African swine fever virus; β-Galactosidase recombinant; β-Glucuronidase recombinant (Gómez-Puertas, P. (55) 271)

Newcastle disease virus; Immunoassay; Nucleocapsid protein; Recombinant baculovirus (Errington, W. (55) 357)

Nucleocapsid protein; Newcastle disease virus; Immunoassay; Recombinant baculovirus (Errington, W. (55) 357)

Nucleotide sequence variability; Zucchini yellow mosaic virus; Potyvirus; Reverse transcription-polymerase chain reaction (RT-PCR) (Thomson, K.G. (55) 83)

Papilloma; Cottontail rabbit papillomavirus; Epidermal hyperplasia; Cutaneous scarification (Kreider, J.W. (55) 233)

Parvovirus B19; Recombinant viral antigen; Diagnostic test; Enzyme immunoassay (Koch, W.C. (55) 67)

Parvovirus B19 IgM; Commercial test kit (Cohen, B.J. (55) 11)

PCR; DNA staining; SYBR Green I (Karlsen, F. (55) 153)

PCR restriction analysis; Influenza virus; Vaccine reassortants; Genome composition; Genetic stability (Klimov, A.I. (55) 445)

Peanut stunt virus; Cucumber mosaic virus; Sodium dodecylsulfate–polyacrylamide gel electrophoresis (SDS–PAGE); Bacterial expression (Hu, C.-C. (55) 367)

Poliovirus; Water; Coxsackievirus; Reverse transcriptase-polymerase chain reaction (RT-PCR); Concentration (Ma, J.-F. (55) 295)

Polymerase chain reaction; Hepatitis C virus; Hybridization, Monoclonal antibody; Double-stranded DNA (Feucht, H.-H. (55) 105)

Polymerase chain reaction (PCR); Human papilloma virus (HPV); Endonuclease typing; Cervical carcinoma (Pizzighella, S. (55) 245)

Human immunodeficiency virus (HIV) DNA; Brain; Comparative PCR; HIV proviral DNA, cellular genome; Evaluation, PCR technique (Fujimura, R.K. (55) 309)

Rotavirus; Immunomagnetic separation; Environmental detection (Grinde, B. (55) 327)

Human immunodeficiency virus type 1 (HIV-1) diagnosis; Primer pair; Subtype (Engelbrecht, S. (55) 391)

Canine parvovirus; Feline panleukopenia virus; Diagnosis (Schunck, B. (55) 427)

Polymerase chain reaction (PCR) assay; Waterborne virus; Concentration; Enterovirus; Hepatitis E virus; Rotavirus (Jothikumar, N. (55) 401)

Polymerase chain reaction (PCR) sequence; Foot and mouth disease virus (FMDV) variant (Meyer, R.F. (55) 281)

Potyvirus; Zucchini yellow mosaic virus; Reverse transcription-polymerase chain reaction (RT-PCR); Nucleotide sequence variability (Thomson, K.G. (55) 83)

Pregnancy; Herpes simplex virus; Microneutralization; Western blot; Genital herpes (Garland, S.M. (55) 285)

Primer pair; Human immunodeficiency virus type 1 (HIV-1) diagnosis; Polymerase chain reaction (PCR); Subtype (Engelbrecht, S. (55) 391)

Probe; Human immunodeficiency virus type 1 (HIV-1); Hybridization; Bioluminescence; Diagnosis (Zammatteo, N. (55) 185)

Raspberry bushy dwarf virus; Zucchini yellow mosaic virus; Immunocapture; Reverse transcriptase-polymerase chain reaction (RT-PCR); Restriction fragment length polymorphism (RFLP); Virus differentiation (Barbara, D.J. (55) 121)

Recombinant baculovirus; Newcastle disease virus; Immunoassay; Nucleocapsid protein (Errington, W. (55) 357)

Recombinant viral antigen; Parvovirus B19; Diagnostic test; Enzyme immunoassay (Koch, W.C. (55) 67)

Restriction fragment length polymorphism (RFLP); Raspberry bushy dwarf virus; Zucchini yellow mosaic virus; Immunocapture; Reverse transcriptase-polymerase chain reaction (RT-PCR); Virus differentiation (Barbara, D.J. (55) 121)

Reverse transcriptase assay; Detection; Human immunodeficiency virus (HIV); Feline immunodeficiency virus (FIV); Enzyme immunoassay (EIA) (Suzuki, K. (55) 347)

Reverse transcriptase-polymerase chain reaction (RT-PCR); Raspberry bushy dwarf virus; Zucchini yellow mosaic virus; Immunocapture; Restriction fragment length polymorphism (RFLP); Virus differentiation (Barbara, D.J. (55) 121)
Water; Poliovirus; Coxsackievirus; Concentration (Ma, J.-F. (55) 295)

Reverse transcription-polymerase chain reaction (RT-PCR); Zucchini yellow mosaic virus; Potyvirus; Nucleotide sequence variability (Thomson, K.G. (55) 83)
Fish virus; Differential diagnosis (Bruchhof, B. (55) 111)
Composite sample; Luteovirus; Southern blot; Viruliferous aphid (Singh, R.P. (55) 133)
Bovine viral diarrhea virus (BVDV); Genome; Semen; Detection (Da Silva, N. (55) 209)

RNA-binding domain; Hepatitis delta antigen; Synthetic peptide (Poisson, F. (55) 381)

Rotavirus; End-point dilution; Tetrazolium; Colorimetric assay (DiStefano, D.J. (55) 199)
Polymerase chain reaction (PCR); Immunomagnetic separation; Environmental detection (Grinde, B. (55) 327)
Waterborne virus; Concentration; Enterovirus; Hepatitis E virus; Polymerase chain reaction (PCR) assay (Jothikumar, N. (55) 401)

Semen; Bovine viral diarrhea virus (BVDV); Genome; Detection; Reverse transcription-polymerase chain reaction (RT-PCR) (Da Silva, N. (55) 209)

Seroconversion panel; Human immunodeficiency virus (HIV) screening enzyme-linked immunosorbent assay (ELISA); Indeterminate Western blot; Acute viral infection; High-risk individual (Weber, B. (55) 97)

Single-strand conformation polymorphism; Human papillomavirus type 16; Low-stringency single specific primer PCR; Direct DNA sequencing (Van Belkum, A. (55) 435)

Sodium dodecylsulfate–polyacrylamide gel electrophoresis (SDS–PAGE); Cucumber mosaic virus; Peanut stunt virus; Bacterial expression (Hu, C.-C. (55) 367)

Southern blot; Composite sample; Luteovirus; Reverse transcription-polymerase chain reaction (RT-PCR); Viruliferous aphid (Singh, R.P. (55) 133)

Subtype; Human immunodeficiency virus type 1 (HIV-1) diagnosis; Polymerase chain reaction (PCR); Primer pair (Engelbrecht, S. (55) 391)

SYBR Green I; DNA staining; PCR (Karlsen, F. (55) 153)

Synthetic peptide; Hepatitis E virus; Enzyme-linked immunosorbent assay (ELISA) (Qi, Z. (55) 55)
Hepatitis delta antigen; RNA-binding domain (Poisson, F. (55) 381)

Tetrazolium; Rotavirus; End-point dilution; Colorimetric assay (DiStefano, D.J. (55) 199)

Tissue culture; Immuno-tissue printing; Fruit tree virus; Virus localization (Knapp, E. (55) 157)

Type-specific antibody; Herpes simplex virus (HSV); Monoclonal antibody-blocking radioimmunoassay (MAb block RIA) (Slomka, M.J. (55) 27)

Vaccine reassortants; Influenza virus; Genome composition; Genetic stability; PCR restriction analysis (Klimov, A.I. (55) 445)

Viroid; Imprint-hybridization; Indexing; Commercial crop (Romero-Durbán, J. (55) 37)

Viruliferous aphid; Composite sample; Luteovirus; Reverse transcription-polymerase chain reaction (RT-PCR); Southern blot (Singh, R.P. (55) 133)

Virus differentiation; Raspberry bushy dwarf virus; Zucchini yellow mosaic virus; Immunocapture; Reverse transcriptase-polymerase chain

reaction (RT-PCR); Restriction fragment length polymorphism (RFLP) (Barbara, D.J. (55) 121)
Virus localization; Immuno-tissue printing; Fruit tree virus; Tissue culture (Knapp, E. (55) 157)
Water; Poliovirus; Coxsackievirus; Reverse transcriptase-polymerase chain reaction (RT-PCR); Concentration (Ma, J.-F. (55) 295)
Waterborne virus; Concentration; Enterovirus; Hepatitis E virus; Rotavirus; Polymerase chain reaction (PCR) assay (Jothikumar, N. (55) 401)
Western blot; Herpes simplex virus; Microneutralization; Genital herpes; Pregnancy (Garland, S.M. (55) 285)
Zucchini yellow mosaic virus; Potyvirus; Reverse transcription-polymerase chain reaction (RT-PCR); Nucleotide sequence variability (Thomson, K.G. (55) 83)
Raspberry bushy dwarf virus; Immunocapture; Reverse transcriptase-polymerase chain reaction (RT-PCR); Restriction fragment length polymorphism (RFLP); Virus differentiation (Barbara, D.J. (55) 121)